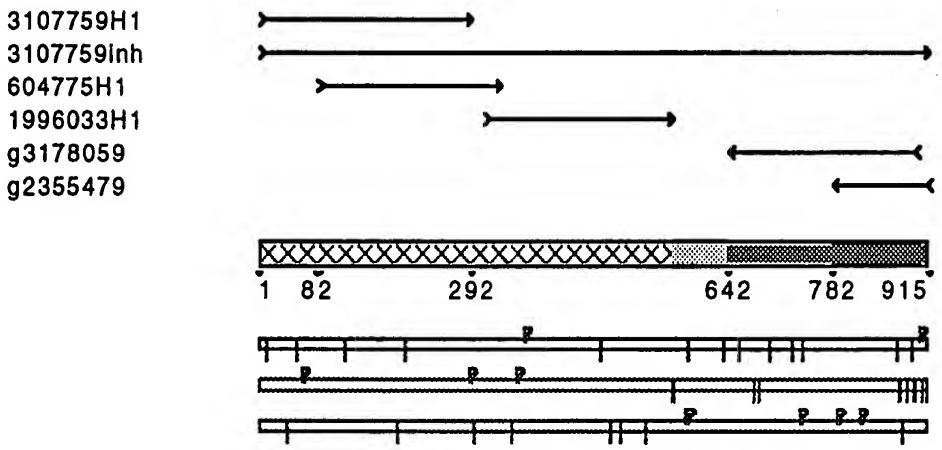
Figure 1A

```
>3107759H1      AGAGTGGCCT AGGACAGCTC CTCTCCTGCC AGAGCTAGGC AGGCGCCGAA
>3107759inh     AGAGTGGCCT AGGACAGCTC CTCTCCTGCC AGAGCTAGGC AGGCGCCGAA
Consensus       AGAGTGGCCT AGGACAGCTC CTCTCCTGCC AGAGCTAGGC AGGCGCCGAA

>3107759H1      GTAGCCGCAT GGCCCCGTCA GAAGACCCCA GGGACTGGAG AGCCAACCTC
>3107759inh     GTAGCCGCAT GGCCCCGTCA GAAGACCCCA GGGACTGGAG AGCCAACCTC
>604775H1                                       GGGACTGGAG AGCCAACCTC
Consensus       GTAGCCGCAT GGCCCCGTCA GAAGACCCCA GGGACTGGAG AGCCAACCTC

>3107759H1      AAAGGCACCA TCCGTGAGAC AGGCCTGGAG ACCAGCTCCG GTGGGAAGCT
>3107759inh     AAAGGCACCA TCCGTGAGAC AGGCCTGGAG ACCAGCTCCG GTGGGAAGCT
>604775H1       AAAGGCACCA TCCGTGAGAC AGGCCTGGAG ACCAGCTCCG GTGGGAAGCT
Consensus       AAAGGCACCA TCCGTGAGAC AGGCCTGGAG ACCAGCTCCG GTGGGAAGCT

>3107759H1      GGCTGGCCAT CAGAAGACCG TCCCCACGGC TCACCTGACT TTTGTTATTG
>3107759inh     GGCTGGCCAT CAGAAGACCG TCCCCACGGC TCACCTGACT TTTGTTATTG
>604775H1       GGCTGGCCAT CAGAAGACCG TCCCCACGGC TCACCTGACT TTTGTTATTG
Consensus       GGCTGGCCAT CAGAAGACCG TCCCCACGGC TCACCTGACT TTTGTTATTG

>3107759H1      ACTGCACCCA CGGGAAGCAG CTCTCCCTGG CAGCAACCGC ATCACCACCC
>3107759inh     ACTGCACCCA CGGGAAGCAG CTCTCCCTGG CAGCAACCGC ATCACCACCC
>604775H1       ACTGCACCCA CGGGAAGCAG CTCTCCCTGG CAGCAACCGC ATCACCACCC
Consensus       ACTGCACCCA CGGGAAGCAG CTCTCCCTGG CAGCAACCGC ATCACCACCC

>3107759H1      CAAGCCCCCA GTCCCAATCG AGGG:TTGTC ACCCCACCA
>3107759inh     CAAGCCCCCA GTCCCAATCG AGGGCTTGTC ACCCCACCAA TGAAGACCTA
>604775H1       CAAGCCCCCA GTCCCAATCG AGGGCTTGTC ACCCCACCAA TGAAGACCTA
Consensus       CAAGCCCCCA GTCCCAATCG AGGGCTTGTC ACCCCACCAA TGAAGACCTA

>3107759inh     CATCGTGTTC TGTGGGGAAA ACTGGCCCCA TCTTACTCGG GTGACCCCCA
>604775H1       CATCGTGTTC TGTGGGGAAA ACTGGCCCCA
>1996033H1              C TGTGGGGAAA ACTGGCCCCA TCTGACTCGG GTGACCCCCA
Consensus       CATCGTGTTC TGTGGGGAAA ACTGGCCCCA TCTKACTCGG GTGACCCCCA

>3107759inh     TGGGTGGGGG ATGCCTTGCC CAGGCCAGGG CCACCCTGCC GCTCTGCAGA
>1996033H1      TGGGTGGGGG ATGCCTTGCC CAGGCCAGGG CCACCCTGCC GCTCTGCAGA
Consensus       TGGGTGGGGG ATGCCTTGCC CAGGCCAGGG CCACCCTGCC GCTCTGCAGA

>3107759inh     GGGTCTGTGG CCTCAGCTTC CTTCCCAGTC AGCCCGCTCT GCCCCCAGGA
>1996033H1      GGGTCTGTGG CCTCAGCTTC CTTCCCAGTC AGCCCGCTCT GCCCCCAGGA
Consensus       GGGTCTGTGG CCTCAGCTTC CTTCCCAGTC AGCCCGCTCT GCCCCCAGGA

>3107759inh     GGTTCCCGAG GCTAAGGGGA AACCCGTGAA GGCTGCGCCT GTGAGGTCTT
>1996033H1      GGTTCCCGAG GCTAAGGGGA AACCCGTGAA GGCTGCGCCT GTGAGGTCTT
Consensus       GGTTCCCGAG GCTAAGGGGA AACCCGTGAA GGCTGCGCCT GTGAGGTCTT

>3107759inh     CAACTTGGGG AACAGTCAAG GACTCACTGA AAGCCCTCTC CTCTTGTGTC
>1996033H1      CAACTTGGGG AACAGTCAAG GACTCACTGA AAGCCCTCTC CTCTTGTGTC
Consensus       CAACTTGGGG AACAGTCAAG GACTCACTGA AAGCCCTCTC CTCTTGTGTC

>3107759inh     TGTGGGCAGG CCGATTAGCT GGAAGGGCCG GGCTCTGATG CCCAGAGGCT
>1996033H1      TGTGGGCAGG CCGAT
Consensus       TGTGGGCAGG CCGATTAGCT GGAAGGGCCG GGCTCTGATG CCCAGAGGCT
```

Figure 1B

```
>3107759inh  GCAATTCCCA GGGCCTGGCC CTGCTTCCCC AGCTAAGCAG GAGTCTTTTG
<g3178059                                                 GAGTCTTTTG
Consensus      GCAATTCCCA GGGCCTGGCC CTGCTTCCCC AGCTAAGCAG GAGTCTTTTG

>3107759inh    TGCTTGAGCC AAGGAAACAT CATTAGATCC GCTAAGGGGC ATCTGAAACA
<g3178059      TGCTTGAGCC AAGGAAACAT CATTAGATCC GCTAAGGGGC ATCTGAAACA
Consensus      TGCTTGAGCC AAGGAAACAT CATTAGATCC GCTAAGGGGC ATCTGAAACA

>3107759inh    TCCGTCGAGT GGCAGAGGCA GGATAAGTCA CCTGCACATG AAGAGACTCA
<g3178059      TCCGTCGAGT GGCAGAGGCA GGATAAGTCA CCTGCACATG AAGAGACTCA
Consensus      TCCGTCGAGT GGCAGAGGCA GGATAAGTCA CCTGCACATG AAGAGACTCA

>3107759inh    TTCATTCATA CAGCAAATAT TACTGGTACA TCTTCCACAT GCCAGGCCCT
<g3178059      TTCATTCATA CAGCAAATAT TACTGGTACA TCTTCCACAT GCCAGGCCCT
<g2355479                                      TTCCACAT GCCAGGCCCT
Consensus      TTCATTCATA CAGCAAATAT TACTGGTACA TCTTCCACAT GCCAGGCCCT

>3107759inh    GCAAAGTGCT GGGGAGATAC CATGGTTTTC CTGGAGCTGG TATTTTTGGG
<g3178059      GCAAAGTGCT GGGGAGATAC CATGGTTTTC CTGGAGCTGG TATTTTTGGG
<g2355479      GCAAAGTGCT GGGGAGATAC CATGGTTTTC CTGGAGCTGG TATTTTTGGG
Consensus      GCAAAGTGCT GGGGAGATAC CATGGTTTTC CTGGAGCTGG TATTTTTGGG

>3107759inh    GTGGAGGGAA CCCACCCTGA ATAAATAAAG TAACCCAATA AATAAAGAAG
<g3178059      GAGGAGGGAA CCCACCCTGA ATAAATAAAG TAACCCAATA AATAAA
<g2355479      GTGGAGGGAA CCCACCCTGA ATAAATAAAG TAACCCAATA AATAAAGAAG
Consensus      GTGGAGGGAA CCCACCCTGA ATAAATAAAG TAACCCAATA AATAAAGAAG

>3107759inh    ATGATTTTGA
<g2355479      ATGATTTTGA ACAGC
Consensus      ATGATTTTGA ACAGC
```

Figure 2


3107759H1
3107759inh
604775H1
1996033H1
g3178059
g2355479
1
82
292
642
782
915